
SHAPES – FORESIGHT EXERCISES



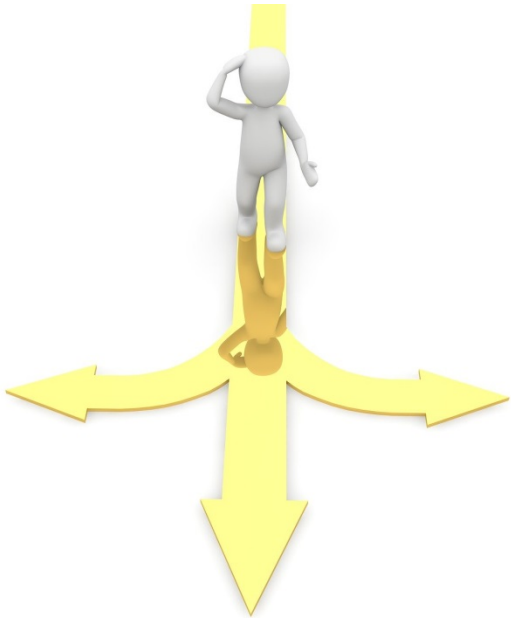
S H A P E S

Awareness Week – Thursday



Fraunhofer INT
Thursday 30.04.2020
27.04. – 01.05.2020

? Which foresight studies should be analyzed and how?



- ! Today, again we will provide you with some studies, published by research institutes, governmental bodies, etc. These can be used as an entry point to further research into foresight for SHAPES and give you an idea which information are of interest during the workshop.
- ! We continue to focus on the pilot themes. Today we are introducing two new topics – highlighted on the next slide.
- ! Use foresight and research studies as starting point and extract open needs of all concerned parties. Then gather ideas of technologies or hints for technologies, which can help to satisfy such needs.

Relevant Foresight and Research Studies



Today we will show some relevant studies, describing technologies and influencing factors, which are of interest in the context of pilot themes (PT) 3 and 4:

! PT 3: Medicine Control and Optimisation

! PT 4: Psycho-social and Cognitive Stimulation

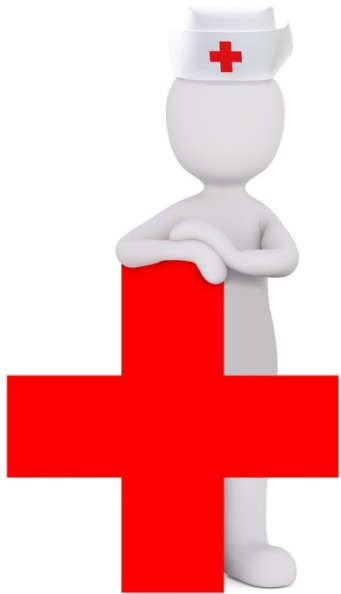
Promoting Wellbeing



Relevant Studies concerning PT 3



! Medicine Control and Optimisation



- Technology – Telemedicine, Telemonitoring, Teleconsultation & prescription

Telemedicine practices can be separated into teleconsultations and telemonitoring. The practices can be used to manage chronic disease patients more efficiently and at lower cost. (UN, "Technologies to reach older persons with health-care services", Asia-Pacific Population Journal (2018), 32:1, DOI: 10.18356/6ef2e6fd-en)

- Influencing Factor – Reduce Adverse Drug Event-Related Outcomes

The aim of the study was to systematically review interventions to reduce the incidence of ADEs measured by health outcomes in older patients in primary care settings. (Tecklenborg, S., Byrne, C., Cahir, C. et al. Interventions to Reduce Adverse Drug Event-Related Outcomes in Older Adults: A Systematic Review and Meta-analysis. *Drugs Aging* 37, 91–98 (2020). <https://doi.org/10.1007/s40266-019-00738-w>)

Relevant Studies concerning PT 4



! Psycho-social and Cognitive Stimulation Promoting Wellbeing



➤ Technology – Fighting social isolation with new media concept
A television-based multimodal Facebook prototype enhanced with TV shows sharing functionalities, a new feature for sharing printed photos, and multiple interaction modalities – remote control, voice and gestures for older adults. (Coelho, José; Rito, Fábio; Duarte, Carlos, “You, me & TV” — Fighting social isolation of older adults with Facebook, TV and multimodality., *International Journal of Human-Computer Studies* (2017), 98, 38–50. DOI: 10.1016/j.ijhcs.2016.09.015.)

➤ Influencing Factor – E-learning for older adults

Research supports the benefits of e-learning environments in facilitating learning processes and in encouraging older adults to engage in learning activities. (de Palo, Valeria, Limone, Pierpaolo, Monacis, Lucia, Ceglie, F., Sinatra, Maria, Enhancing e-learning in old age, *Australian Journal of Adult Learning* (2018), 58, 88-109)